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Dated: 3-22-05 Signature: Maura A. Gallagher
(Maura A. Gallagher)

Docket No.: ASZD-P01-660
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Birch et al.

Application No.: 10/506741

Confirmation No.: 5234

Filed: September 3, 2004

Art Unit: 1614

For: HETEROCYCLIC AMIDE DERIVATIVES
AS INHIBITORS OF GLYCOGEN
PHOSPHORYLASE

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A summary/abstract translation of the non-English language references is enclosed.

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this


Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. ASZD-P01-660. A duplicate copy of this paper is enclosed.

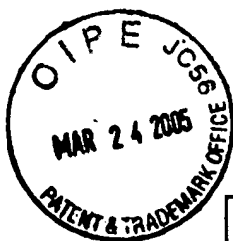
Dated: March 22, 2005

Respectfully submitted,

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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/506741
				Filing Date	September 3, 2004
				First Named Inventor	Alan Martin Birch
				Art Unit	1614
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	ASZD-P01-660

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	AB	US-3,706,810	12-19-1972	AMERICAN CYANAMID	
	AC	US-4,599,198	07-08-1986	DENNIS J. HOOVER	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	WO-00/42213	07-20-2000	The Research Foundation of State University of New York		
	BB	WO-00/47206	08-17-2000	Novo Nordisk		
	BC	WO-01/05954	01-25-2001	Isis Pharmaceuticals, Inc.		
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	BY	EP-1136071	09-26-2001	Pfizer Products Inc.		
Examiner Signature			Date Considered			



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				Art Unit	1614
				Examiner Name	Not Yet Assigned
Sheet	2	of	3	Attorney Docket Number	ASZD-P01-660

	BZ	EP-1145717	05-12-2004	Pfizer Products Inc.		
	BA1	EP-1149580	02-21-2001	Pfizer Products Inc.		
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	CA	Birch, A., et al., "Novel Thienopyrrole Glycogen Phosphorylase Inhibitors: In Vitro SAR and Crystallographic Studies," Poster, AstraZeneca UK, CVGI Research, Mereside, Alderley Park, Macclesfield, Cheshire.		
	CB	Crochet, R.A., et al., "Synthesis of Substituted Thieno[2,3-b] pyrroles," Vol. 11, 143-150 (April 1974).		
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	CE	Hoover, D.J., et al., "Indole-2-carboxamide Inhibitors of Human Liver Glycogen Phosphorylase," J. Med. Chem., 41:2934-2938 (1998).		
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Examiner Signature				Date Considered



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			Examiner Name	Not Yet Assigned	
Sheet	3	of	3	Attorney Docket Number	ASZD-P01-660

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CH		Martin, W.H., et al., "Discovery of a human liver glycogen phosphorylase inhibitor that lowers blood glucose in vivo," PNAS, 95:1776-1781 (Feb. 1998).	
CI		McCormack, J.G., et al., "Pharmacological Approaches to Inhibit Endogenous Glucose Production as a Means of Anti-diabetic Therapy," Curr. Pharmaceutical Design, 7:1451-1474 (2001).	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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